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SOURCE Documentary as indicated. (Information specifically requested.)

RECENTLY PUBLISHED RESEARCH OF THE LENINGRAD INSTITUTE OF PUBLIC HEALTH AND OCCUPATIONAL DISEASES, USSR

"Action of Some Gasoline Hydrocarbons on Respiration and Blood Pressure," G. I. Tsobkallo, Leningrad Inst Pub Health and Occupational Diseases

"Farmakol i Toksikol" Vol 10, No 1, 1947, pp 23-30

Six pure hydrocarbons were tested on cerebrectomized cats by vapor exposure. Compounds and their boiling points were: heptane, 98.4; ethylcyclopentane, 103.5; methylcyclohexane, 100.8; isooctane, 116; ethylcyclohexane, 128; propylcyclopentane, 129.5. The C_7 compounds had much higher respiratory and hypertensive activity than the C_8 compounds. In the C_7 group, methylcyclohexane had the highest and heptane the lowest activity. Results shown in respiration and blood-pressure charts.

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